"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSHITS, Yu. T.; SHIDLOVSKAYA, R. F.

Economics of the production of vinyl chloride copolymers.
Plast. massy no. 5:48-49 '64. (MIRA 17:5)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSHITS, Yu.T.

Interchangeability of some polymeric materials. Plast. massy no.5:1-2 '65. (MIRA 18:6)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSHITS, Yu.Ya.

New data on upper Permian sediments in the lower Kureyka River.
Inform. biul. NIIGA no.2:26-31 '58. (MIRA 12:10)
(Kureyka Valley--Geology, Stratigraphic)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSHITS, Yu.Ya.; GOLOVANOV, N.P.

Stratigraphy of volcanic formations in the Kureyka-Khantayka interfluve (northwestern Siberian Platform). Inform.biul. NIIGA no.13:28-33 '59. (MIRA 13:5)
(Kureyka Valley--Geology, Stratigraphic)
(Khantayka Valley--Geology, Stratigraphic)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

GUREVICH, Ya.D.; SMIRNOV, A.S.; LIVSHITS, Z.I.; LOSEV, M.T.; BALANOVSKIY, S.A.; UDYANSKIY, N.Ya.; MURAV'YEV, V.M.; AMIYAN, V.A.; LOZGACHEV, P.M.; OFROSIMOV, V.S.; POPOV, S.S.; MATSKIN, L.A.; RATUSH, P.P.; PARFENOV, Ye.I.; DUBROVINA, N.D., vedushchiy red.; MUKHINA, E.A., tekhn.red.

[Soviet petroleum industry] Neftianaia promyshlennost' SSSR. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1958. 330 p. (MIRA 11:3)
(Petroleum industry)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSHITS, Yu.Ya.

Stratigraphy of Permian deposits in the southwesteru shore area of Lake Khantayskoye (southern part of the Noril'sk region). Sbor.st.po paleont. i biostrat. no.15:16-26 '59. (MIRA 13:4)
(Khantayskoye region--Geology, Stratigraphic)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSHITS, Yu.Ya.

Study of coal metamorphism in the part of the Tunguska Basin near the Yenisey River. Inform.biul.NIIGA no.18:40-43 '60. (MIRA 14:6)
(Tunguska Basin—Coal geology)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSHITS, Yu.Ya.; SOKOLOV, V.N.

Conference on the geology of the Spitsbergen archipelago. Sov. geol. 8 no.4:150-155 Ap '65. (MIRA 18:7)

1. Nauchno-issledovatel'skiy institut geologii Arktiki.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSHITS, Yu.Ya.

Results of the conference on the geology of the Spitsbergen archipelago. Uch. zap. NIIGA. Reg. geol. no.4:265-270 '64.
(MIRA 18:12)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSHITS, Z. YE.

"Experience in Intra-Arterial Blood Transfusion in Serious Shock and the Terminal State," by Docent Z. Ye. Livshits, Chair of Surgery, Belorussian Institute for Advanced Training of Physicians (head of chair, Prof A. M. Boldin; institute director, Prof M. N. Zhukova), Zdravookhraneniye Belorussii, No 2, Feb 57, pp 56-58

The author presents his observations on the successful transfusion of blood into the femoral artery in serious shock and collapse. He states that the results achieved confirm the data of many clinicians that this method of transfusion has fully proved its merit under the above conditions. The technique of transfusion and the case histories of several patients are given. (U)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSHITS, Zinoviy Yefimovich

[Achievements in present-day Soviet surgery] Uspekhi sovremennoi sovetskoi khirurgii] Minsk, 1958. 27 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no.19)
(SURGERY) (MIRA 12:3)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSHITS, Z.Ye.; KENIGSBERG, M.

Im memory of F.V. Abramovich. Zdrav. Belor. 5 no.2:63 F '59.
(ABRAMOVICH, FRANZ VIKENT'EVICH, 1864-[illegible])

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSHITS, Z.Ye., dotsent

Penetrating wound of the left heart ventricle with injury of the descending branch of the left coronary artery. Zdrav. Belor. 5 no.7:59 Jl '59. (MIRA 12:9)

1. Iz khirurgicheskoy kliniki (zaveduyushchiy - prof.A.M. Boldin) Instituta usovershenstvovaniya vrachey.
(HEART--WOUNDS AND INJURIES)
(CORONARY VESSELS--WOUNDS AND INJURIES)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSHITS, Z.Ye., dotsent

Diagnostic importance of quantitative determination of uropepsin. Zdrav. Bel. 8 no.4:21-23 Ap '62. (MIRA 15:6)

1. Iz kliniki khirurgii Belorusskogo instituta usovershenstvovaniya vrachey (zaveduyushchiy - prof. A.M. Boldin).
(UROPEPSIN) (GASTRIC JUICE)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSHITS, Z.Ye., dotsent

Esophageal hiatal hernia of the diaphragm. Zdrav. Bel. 9 no.8: 83-84 Ag'63 (MIRA 17:3)

1. Iz kafedry khirurgii (zav. - prof. A.M. Boldin) Belorusskogo gosudarstvennogo instituta usovershenstvovaniya vrachey (dir. dotsent N.Ye. Savchenko).

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

USSR / Human and Animal Physiology (Normal and Pathological). T-3
Metabolism.

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60101

Author : Livshits-Vorob'yeva, P. G.
Inst : Dnepropetrovsk City Division of Public Health, 10th City Hospital
Title : The Nicotinic Acid Effect on Some Metabolic Indexes in Botkin's Disease

Orig Pub : Sb. nauchn. rabot. Dnepropetr. gor. otd. zdravookhr. 10-ya gor. bol'nitsa, Dnepropetrovsk, 1957, 5-12

Abstract : No abstract given

Card 1/1

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSHITSIN, S.Ye., starshiy prepodavatel'.

Calculating an unbalanced bridge with semiconductor thermometer for measuring low temperatures. Trudy LTIKHP 11:90-108 '56. (MLRA 10:6)

1. Kafedra kholodil'nykh ustanovok.
(Temperature--Measurement) (Electric instruments)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSHITSYN, S. E.; GOLYAND, M. M.

"Development of interchangeable heat-flow meters with a small thermosensitive element."

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12 May 1964.

Leningrad Technological Inst of the Refrigeration Industry."

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

L 10785-66 FBD/EWT(1)/EEC(k)-2/T/EWP(k)/EWA(m)-2/EWA(h) SCTB/IJP(c)
ACC NR: AP5028927 SOURCE CODE: UR/0185/65/010/011/1267/1270

AUTHOR: Livshyts', B. L.; Tsykunov, V. M.

ORG: Institute of General and Inorganic Chemistry im. M.S. Kurnakov, AN SSSR, Moscow (Instytut zahal'noyi ta neorganichnoyi khimii AN SRSR)

TITLE: Generation of induced radiation under the prestationary condition

SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 10, no. 11, 1965, 1267-1270

TOPIC TAGS: quantum generator, quantum electronics, electron optics

ABSTRACT: The article considers the nature of the transition of an optical quantum generator into a stationary condition, reduced to the solution of the following system of equations:

$$\frac{dn}{dt} = -\frac{n-n_0}{\tau} - \sum_i Dg_i n P_i,$$

$$\frac{dN_i}{dt} = -\gamma_i N_i + \int_0^L Dg_i n P_i dx,$$

when differences of n and N_i from n_c and N_{ic}, corresponding to stationary conditions, can be considered small as compared with n_c and N_{ic}. This case is termed the prestationary

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ACC NR: AP5028927

condition. In the equations n is the overpopulation of the upper level of the working transition, n_0 is the overpopulation of the same level which occurs in the absence of induced radiation, τ is a quantity which at low filling practically coincides with the life-span of the active centers in the excited state, g_i is the ordinate of the luminescent line which corresponds to the frequency of the second mode, D is the quantity proportional to the Einstein coefficient for the induced transition, N_i is the doubled number of photons in the i^{th} mode, γ_i is the loss coefficient per photon per unit time, L is the optical length of the resonator and $J'_i = N_i(t)\,(1-\cos\frac{2\pi m_i}{L}z)$. Authors express their gratitude to Academician AN SSSR I. V. Obreymov for his attention and interest in this work and also to Ch. K. Mukhtarov for valuable discussions. Orig. art. has: 19 formulas.

SUB CODE: 20 / SUBM DATE: 03Aug65 / ORIG REF: 005 / OTH REF: 003

HW

Card 2/2

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

BYBKIN, Ye. S.,

"Selection of an Efficient Number of Addresses for a Digital Computer," Voprosy teorii matematicheskikh mashin; sbornik pervyy (Problems of the Theory of Mathematical Computing Machines; Collection of Articles, V. 1) Moscow, Fizmatgiz, 1958. 230 p.

This article consists of the following sections: 1) Command structure; 2) Evaluation of command efficiency of various addresses; 3) Conclusions.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSON, Z. A.

23298. Tekhnologicheskiye issledovaniya khirpichno-cherepichiykh glin mariupol'skogo mestorozhdeniya. Trudy khar'k. Khim.-Tekhnol. in-ta im. Kirova, vyp. 7, 1949, c. 125-34.---Bibliogr: 5 Nazv.

SO: LETOPIS' NO. 31, 1949

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSON, Z. A.

23297. Tekhnologicheskiye issledovaniya Gipsa mikhaylovskogo mestorozhdeniya. Trudy Khark, Khim-Tekhnol. in-ta im. Kirova, vyp. 7, 1949, c.135-39

SO: LETOPIS' NO. 31, 1949

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

KUKOLEV, G.V., Prof, LIVSON, Z.A., Docent

Refractory Materials

Experience of the Khar'kov Tile Factory with moistening the raw material for the production of refractory bricks with steam, Ogneupory 17, No. 6, 1952.

Monthly List of Russian Accessions, Library ofCongress, October 1952. UnClassified.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSON, Z. A.

Laboratory experiments [illegible] ground magnesite [illegible] for magnesite [illegible] ing the raw [illegible] rotary-disk [illegible] process are highly [illegible] tions is [illegible] stirring [illegible] separators are [illegible] of the granules [illegible] [illegible] [illegible] [illegible] magnesite [illegible]

K. with excellent success. Addns. of 5% sulfite waste liquor to the mud (contg. 20–24% H_2O) may be profitable for improving the shaping of the granules, but this [illegible] the solid granule with [illegible]

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

SOV/81-59-9-32077

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 9, pp 356 - 357 (USSR)

AUTHOR: Livson, Z. A.

TITLE: The Optimum Conditions for the Preparation of Raw Material in the Burning of Refractory Materials in Rotating Furnaces

PERIODICAL: Tr. Khar'kovsk. politekhn. in-ta, 1958, Vol 17, pp 225 - 232

ABSTRACT: The conditions have been investigated for the preparation of raw material in the burning of Satka magnesite, Pologi kaolin and two raw material cement slimes from Kramatorsk chalk and clay, and from this chalk and blast-furnace slag in rotating furnaces. The following methods for the preparation of raw material for burning have been studied: in the form of lumps, in the form of wet-ground slime with and without additions, and in the form of a slime which has been dehydrated by filtration. As additions were used: caustic magnesite, soluble glass, a combined peptizator, soda, sulfite-alcohol slops, $MgCl_2$, laurel-leaf willow (Salix pentandra), pyrite cinders, etc. It has been established that the wet method of raw material preparation reduces dust loss and makes it possible to introduce additions into the

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The Optimum Conditions for the Preparation of Raw Material in the Burning of Refractory Materials in Rotating Furnaces

slime which reduce the dust loss and the sintering temperature. The introduction of additions of liquid glass or iron-containing clay into the magnesite slime also reduces dust loss and the sintering temperature of the magnesite. It is pointed out that the magnesite slime can be dehydrated on filters of continuous action. For the dehydration of cement slimes disk vacuum filters with knife skimming are recommended. Kaolin slime without additions filters very badly. Its filtration rate can be increased twice by heating and introducing $MgCl_2$ additions. It is noted that the application of vacuum filters for the dehydration of magnesite and similar slimes shows a great economy of fuel and increases the output of the rotating furnaces sharply.

G.M.

Card 2/2

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30625

SOV/81-59-5-16254

15.2130

Translation from: Referativnyy zhurnal, Khimiya, 1959, Nr 5, p 362 (USSR)

AUTHORS: Kukolev, G.V., Livson, Z.A., Piven', I.Ya.

TITLE: The Effect of the Enamel Composition on the Mechanical Resistance of Porcelain Insulators

PERIODICAL: Tr. Khar'kovsk. politekhn. in-ta, 1958, Vol 18, pp 207 - 210

ABSTRACT: The possibility of increasing the mechanical resistance of insulators was investigated at the Slavyansk Insulator Plant im. Artem by changing the composition of brown enamel with the molar formula: 0.0156 MnO, 0.0733 CaO, 0.0635 Al_2O_3, 0.0436 MgO, 0.0073 Fe_2O_3, 4.7131 SiO_2, 0.0213 Cr_2O_3, 0.0167 R_2O, 0.0072 Na_2O. The following oxides were introduced over the 100% composition of the enamel: MgO, BaO, ZrO_2 and TiO_2. The burning of the insulators was carried out in the tunnel furnace at the plant at 1,320°C. The tensile strength limits were determined on a hydraulic press. The results of the tests show that oxides vary in their effect on the mechanical resistance of the insulator. For example, ZrO_2 in all cases increases the

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SOV/81-59-5-16254

The Effect of the Enamel Composition on the Mechanical Resistance of Porcelain Insulators

mechanical resistance of the samples. BaO and MgO do not have an appreciable effect on increasing the mechanical resistance. TiO_2 shows some increase in the mechanical resistance but the pouring of the enamel in this case becomes worse.

S. Tumanov

Card 2/2

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

S/112/59/000/012/017/097
A052/A001

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1959, No. 12, pp. 15-16, # 24022

AUTHORS: Kukolev, G.V., Livson, Z.A., Piven', I.Ya.

TITLE: The Effect of the Glaze Composition on Mechanical Strength of Porcelain Insulators

PERIODICAL: Tr. Khar'kovsk. politekhnich. in-ta, 1958, No. 18, pp. 207-210

TEXT: Glaze layer affects strongly mechanical, electric and chemical properties of porcelain insulators. The problem of the quality of glaze is handled by researchers differently. Some maintain that negative glazes having a higher coefficient of temperature expansion than porcelain reduce the tensile strength of insulators, on the contrary, positive glazes with a lower coefficient of temperature expansion increase the mechanical strength of porcelain. Others believe that only unstressed glazes increase the mechanical strength of insulators. It is also maintained that an increase in the mechanical strength of glazed porcelain is determined by surface phenomena on the porcelain-glaze boundary. The quality

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

S/112/59/000/012/017/097
A052/A001

The Effect of the Glaze Composition on Mechanical Strength of Porcelain Insulators

of glaze on insulators depends on the chemical composition of glaze, fineness of grinding, baking conditions, etc. In experiments carried out at the Insulator Plant imeni Artem (Slavyansk) was taken as a base, the composition of the brown glaze used at the Plant; this composition was changed by adding MgO, BaO, ZrO_2, TiO_2 and other oxides. Glaze was applied to 8-like porcelain samples with the least cross-section of 2 cm^2. The fineness of glaze grinding was 0.1% of the rest on a sieve with 10,000 meshes per cm^2. The samples were prepared of a vacuumized substance; they were baked in a tunnel-type furnace at a temperature of 1,320°C. The highest tensile strength was observed in samples with glaze having 3% ZrO_2 admixture, an addition of BaO or MgO yielded no increase of mechanical strength. An addition of TiO_2 increased mechanical strength of porcelain but also the refractoriness of glaze. An addition of Al_2O_3 (3-5%) increased also tensile strength; on the contrary, SiO_2 did not give any increase of mechanical strength of porcelain or even decreased it. In a lot of suspension insulators П-4,5 (P-4.5) coated with glaze with 3% ZrO_2, a 8-10% increase of mechanical strength was observed at electric-mechanical tests. In the increase in mechanical

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

S/112/59/000/012/017/097
A052/A001

The Effect of the Glaze Composition on Mechanical Strength of Porcelain Insulators

strength of glaze a certain role is played by the increase of cation coordination number (6-8 with Zr instead of 4 with Si) in the contact glaze-porcelain layer. There are 8 references.

N.V.N.

Translator's note: This is the full translation of the original Russian abstract.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSON, Z.A.; LISOVAYA, Ye.D.; KOZLOVA, Ye.I.

Properties of drosses containing alumina and the most efficient conditions of filtration on continuously operating vacuum filters. Trudy KhPI 31 no.1:43-55 '59. (MIRA 13:10)
(Refractory materials)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

KUKOLEV, G.B.; LIVSON, Z.A.; BELIK, Ya.G.; PIVEN', I.Ya.

Changes in porcelain insulators after long use on high-voltage lines. Trudy KhPI 31 no.1:71-78 '59. (MIRA 13:10)
(Electric insulators and insulation)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

KUKOLEV, G.V.; LIVSON, Z.A.; BELIK, Ya.G.; KOZLOVA, Ye.I.; LISOVAYA, Ye.D.; SHOLOMOVA, E.M.

Effective ceramic products made of local clays. Stroi. mat. 9 no.4:4-6 Ap '63. (MIRA 16:5)
(Kharkov—Ceramics)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

KUKOLEV, G.V.; LIVSON, Z.A.; KOZLOVA, Ye.I.; LISOVAYA, Ye.D.; SHOLOMOVA, E.M.

Making use of the waste clay extracted from the refractory clay of the Chasov Yar deposit. Stroi. mat., det. i izd. no. 2:4-12: '65 (MIRA 19:1)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I. Lenina.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSON, Z.A., kand. tekhn. nauk; RYSHCHENKO, M.I., inzh.

Quartz pelite as raw material for the manufacture of faience products. (MIRA 18:5)
Stek. i ker. 22 no.4:20-23 Ap '65.

1. Khar'kovskiy politekhnicheskiy institut imeni V.I.Lenina.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVSON, Z.A.; SHCHEPILOV, N.S.; LISOVAYA, Ye.D.; KOZLOVA, Ye.I.

Electric rotating furnace with cryptol resistors. Zav. lab. 31 no.11:1417 '65. (MIRA 19:1)

1. Khar'kovskiy politekhnicheskiy institut imeni Lenina.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVTINOV, V.L.; SOLOMIN, Yu.S.

Possibilities of dividing and correlating granitoids by rare and dispersed elements in the rock-forming minerals. Geol. i geofiz. no.6:60-74 '62. (MIRA 15:7)

1. L'vovskiy gosudarstvennyy universitet imeni Franko.
(Amazar Valley--Granite)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVURDOV, I.F.

Obetkanie tel, blizkikh k tsilindru i sharu. (Moscow, Universitet. Uchenye zapiski, 1937. v 7. Mekhanika. p. 171-180, diagrs.)

Title tr.: Streamline flow around bodies of a shape approaching that of a cylinder or a sphere.

SO. Aeronautical Science and Aviation in the Soviet Union. Library of Congress, 1955.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

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124-1957-1-500D

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 62 (USSR)

AUTHOR: Livurdov, I. F.

TITLE: The Nonstationary Motion of a Liquid in Pipes Having Variable and Constant Cross-section (Neustanovivsheyesya dvizheniye zhidkosti v trubakh s peremennym i postoyannym secheniyem)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Doctor of Technical Sciences, presented to the In-t mekhan. AN SSSR (Institute of Mechanics, USSR Academy of Sciences), Moscow, 1956

ASSOCIATION: In-t mekhan. AN SSSR (Institute of Mechanics, USSR Academy of Sciences), Moscow

1. Liquids--Motion--Analysis 2. Pipes--Applications

Card 1/1

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

ZVYAGINTSEVA, Klavdiya Mikhaylovna; SLIFENKO, Klara Konstantinovna; LIVYANT, E., red.

[Raw materials resources for the chemistry of the Kuznets Basin and Altai] Syr'evaia baza khimii Kuzbassa i Altaia. Kemerovo, Kemerovskoe knizhnoe izd-vo, 1964. 62 p. (MIRA 18:3)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

SOV/110-58-12-19/22

AUTHORS: Malinin, S.G., Engineer and Livyant, V.Z., Engineer

TITLE: An All-Union Conference on Large-Unit Packaged Electrical Equipment (Vsesoyuznoye soveshchaniye po komplektnomu krupnoblochnomu elektrooborudovaniyu)

PERIODICAL: Vestnik Elektropromyshlennosti, 1958, Nr 12, pp 70-73 (USSR)

ABSTRACT: An All-Union Conference was held in Leningrad on the design and manufacture of large-unit packaged electrical equipment for high and low voltages. The conference was attended by more than 500 delegates of Councils of National Economy, Ministries and Committees, Works, Power Stations, Construction, Erection, Research and Design Organisations; groups of delegates from agricultural organisations also participated. An exhibition of packaged electrical equipment proved very popular. The advantages of packaged equipment in cutting down erection time and saving skilled labour are explained. A brief review of the manufacture of packaged equipment in the Soviet Union is given. The representative of GOSPLAN USSR, V.S.Tulin, reviewed the main problems in developing and manufacturing packaged electrical equipment in the period 1959-65.

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An All-Union Conference on Large-Unit Packaged Electrical Equipment

The representative of the Ministry of Power Stations, A.M.Krivorotov, described the use of standard series of packaged electrical equipment in power stations and sub-stations. L.M.Kanevskiy reported on the proposed distribution of production of packaged equipment between different factories. Reports on the design of new series of packaged electrical equipment were delivered by V.A.Grachev, V.V.Girshberg and A.A.Goldobenkov. I.R.Klasson described foreign packaged distribution equipment for 220 kV. The following representatives of factories also gave reports: L.S.Shugayev, V.M.Ovcharov, P.P.Burak, B.V.Olendzskiy, V.S.Kindyakov, K.A.Movsesyan, I.N.Shteynberg, A.A.Podushkin, G.F.Edel'shteyn, D.S.Itenberg, G.Ya.Kazakevich, V.A.Yuditskiy, L.Z.Arkus, L.K.Greyner and others. Users of packaged equipment, notably in agriculture, power stations, coal, metallurgical, oil and other industries claimed that not enough such equipment is yet produced and the quality is often poor. Production of this type of equipment must be developed

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and the quality improved. It is necessary to reduce the size of control and protection panels and to bring the various types of control equipment together on a single panel where necessary. The equipment fitted on the panels must be made much smaller. A number of detailed recommendations about types of construction are given.

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LIV'IANT, IA.

O proekte novoi sistemy tarifov na perevozki gruzov avtomobil'nym transportom. /The proposed new rate system for automotive freight transport./ (Avtomobil', 1950 no.6, p.3-4)
DLC: TL4.A87

Normy i tarify na avtotransporte; spravochnik. /Standards and rates in the automotive transportation; a reference book/. Kiev, Gos izd-vo tekhn. lit-ry Ukrainy, 1949. 195p.
DLC: HE5675.A6N6

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIV'YANT, YA.

Razgruxit' zheleznodorozhnyi transport ot neratsional'nykh perevozok gruzov. [To free the railroads, of irrational freight transport]. (Avtomobil,' 1951, no.3, p. 4-8, tables).

DLC: TL4.A87

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

BRONSHTEYN, L.A., kandidat tekhnicheskikh nauk; NAMOKONOV, K.G., shofer; SMIRNOV, O.S., retsenzent; LIV'YANT, Ya.A., retsenzent; NIKITIN, V.I., shofer, retsenzent; BAUMAN, I.M., inzhener, redaktor; TIKHONOV, A.Ya., tekhnicheskiy redaktor

[Improving the operation of trucks and lowering the cost of transport] Uluchshenie ispol'zovaniia avtomobilei i snizhenie sebestoimosti perevozok. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry, 1954. 146 p. (MLRA 7:10)
(Motor trucks) (Transportation, Automotive)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIV'YANT, Ya.

Centralizing freight haulage to and from railroad stations. Avt.transp. 32 no.2:3-5 F '54. (MLRA 7:6)
(Transportation, Automotive)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIV'YANT, Ya.

On the All-Purpose Automotive Transport Code. Avt.transp. 33 no.7:7-9 J1'55. (MLRA 8:12)
(Transportation, Automotive--Laws and regulations)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

VERKHOVSKIY, Igor' Aleksandrovich, kandidat ekonomicheskikh nauk; LIV'YANT, Ya.A., redaktor; KOGAN, F.L., tekhnicheskiy redaktor.

[Planning freight hauling by general purpose trucks] Planirovanie perevozok gruzov avtomobil'nym transportom obshchego pol'zovaniia. Moskva, Nauchno-tekhn.izd-vo avtotransp. lit-ry, 1956. 65 p. (MLRA 10:4)

(Transportation, Automotive)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

KANIOVSKIY, Petr Valer'yanovich, prof.; LIV'YANT, Ya.A., red.; KOGAN, F.L., tekhn.red.

[Organization and planning of automotive transports] Organizatsiia i planirovanie avtomobil'nykh perevozok. Izd. 2-e, perer. Moskva, Nauchno-tekhn.izd-vo avtotransp. lit-ry, 1957. 323 p. (MIRA 11:3)
(Transportation, Automotive)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIV'YANT, Yakov Aronovich; MRLIKH, M.D., red.; ZUYEVA, N.K., tekhn. red.

[Organization of transporting and forwarding work] Organizatsiia transportno-ekspeditsionnoi raboty. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1958. 234 p. (MIRA 11:8)
(Freight and freightage)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIV'YANT, Ya.

Organizing freight haulage by small shipments. Avt. transp. 36 no.1: 5-6 Ja '58. (MIRA 11:1)
(Transportation, Automotive)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

NAYDENOV, Boris Fedorovich; LIV'YANT, Ya.A., red.; GALAKTIONOVA, Ye.N., tekhn.red.

[Handbook of weights by volume and of specific volumes of loads carried by motor transport] Spravochnik po ob"emnym vesam i udel'nym ob"emam gruzov, perevozimykh avtomobil'nym transportom. Izd.2., ispr.i dop. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo trasp. i shosseinykh dorog RSFSR, 1959. 135 p. (MIRA 12:4)
(Transportation, Automotive)
(Freight and freightage--Tables and ready-reckoners)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

BRONSHTEYN, L.A., dotsent; AFANAS'YEV, L.L., dotsent, BASH, M.S., dotsent; VLASKO, Yu.M., inzh.; ZEMSKOV, P.F., inzh.; KRAMARENKO, G.V., dotsent; LEYDERMAN, S.R., dotsent; LIV'YANT, Ya.A., ispoln.obyazannosti dotsenta; LYUBINSKIY, N.M., inzh.; NAYDENOV, B.F., inzh.; FINKEL'SHTEYN, A.L., inzh.; KHROMOV, A.A., inzh.; CHUDINOV, A.A., inzh.; GOBERMAN, I.M., red.; GALAKTIONOVA, Ye.N., tekhn.red.; DONSKAYA, G.D., tekhn.red.

[Centralized automotive freight haulage] TSentralizovannye perevozki gruzov avtomobil'nym transportom. Pod obshchei red. I.M. Goberman. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 206 p. (MIRA 13:9)

1. Moscow. Avtomobil'no-dorozhnyy institut.
(Transportation, Automotive)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIV'YANT, Yakov Aronovich; TIKHONCHUK, Yuriy Nikolayevich; ERLIKH, Moisey Davidovich; DLUGACH, B.A., red.; STRYZHKOVA, N.I., red. izd-va; GALAKTIONOVA, Ye.N., tekhn.red.

[Coordination of the work of the automotive and railroad transportation] Koordinatsiia raboty avtomobil'nogo i zheleznodorozhnogo transporta. Moskva, Avtotransizdat, 1963. 363 p. (MIRA 16:6)

(Transportation) (Freight and freightage)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

[illegible] Ya.A.

Organization of dispatching work in intercity automotive [illegible] transportation. Trudy MIEI no.C.34-43 '63.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

PROKOF'YEV, Ivan Iosifovich, prof.; ANISIMOV, Aleksey Petrovich, kand. tekhn. nauk; BRONSHTEYN, L.A., prof., retsenzent; LIV'YANT, Ya.A., red.

[Economics of automotive transportation] Ekonomika avtomobil'nogo transporta. Moskva, Transport, 1965. 311 p. (MIRA 18:7)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIWINSKI, Wojciech

Coreless induction heating appliances fed by the main frequency of the network. Elektryka Lodz no.3:33-46 '58.

1. Institute of Technology, Department of Electric Heating, Lodz.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVYY, G-V

2

Devulcanization process in making reclaim. G. V. Livyi and A. D. Zalonchkovskii. *Legkaya Prom.* 15, No. 7, 33–8(1955).—A study was made of the thermal swelling of rubbers made from SKB and SKS-30 in softeners having different viscosities and temp. intervals. Softeners with small intervals cause initial high swelling and low residual swelling; those with high intervals cau.. the reverse. Org. acids and O-contg. compds. accelerate swelling and increase effectiveness of softeners. The swelling process follows a smooth curve. Rise of temp. accelerates swelling considerably. The extent of swelling and effect of temp. rise are greater for rubbers of butadiene-styrene base than for those of Na butadiene base. Temps. above 200° lead to destructive soln. of butadiene-styrene rubber in liquid softeners. Addn. of benzoic acid and naphthalene accelerates swelling.

B. Z. Kanich

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

Livyy, G. V.

3

2 may

Destruction of rubber substance in making reclaim. A. D. Zufonchkovskii and G. V. Livyi. *Legkaya Prom.* 15, No. 9, 34–6(1955).—The change of a swollen vulcanizate from the elastic to the plastic state is accompanied by increased chloroform ext. and is apparently due to oxidation and mech. destruction of the rubber. Destruction is accelerated by oxidants. Boiler devulcanization in air proceeds most rapidly and, with rubber SKS-30, gives reclaim with max. chloroform ext. and plasticity.

B. Z. Kamich

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

Livyy, G. V.

USSR/ Chemistry - Chemical technology

Card 1/2 Pub. 116 - 23/25

Authors : Kuznetsov, V. I. ; Govorova, R. P.; Livyy, G. V.; and Landa, I. M.

Title : Use of furfurole extracts of ligroin-kerosene fractions of primary lignite tar for reclaiming of rubber

Periodical : Ukr. khim. zhur. 21/1, 127-131, 1955

Abstract : Lignite tar refining wastes and especially furfurole extracts of ligroin-kerosene fractions were investigated to determine their applicability as plasticizers for rubber reclamation. It was found that the ligroin-kerosene extract is an active swelling agent for synthetic rubber. Even though the extract cannot be used in pure form for the reclamation of rubber it is, however, well applicable as a diluent of solid plasticizers which makes it possible to obtain reclaimed rubber with high physico-mechanical

Institution : Acad. of Sc., Ukr-SSR, Heat Energy Institute, The Rubber Reclaiming Plant, Kiev.

Submitted : February 20, 1955

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

Periodical : Ukr. khim. zhur. 21/1, 127-131, 1955

Card 2/2 : Pub. 116 - 23/25

Abstract : properties. The best results were obtained during the application of solid plasticizers of the colophony, coumarone resin types. Four USSR references (1938-1953). Tables; graphs.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVYY, G.V., kandidat tekhnicheskikh nauk; KHARIN, K.F., inzhener.

Let's introduce well-chosen indexes for use in the production of footwear rubber. Leg.prom. 16 no.5:13-14 My '56. (MLRA 9:8)
(Boots and shoes, Rubber) (Rubber industry)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVYY, G.V.; ZHURKO, V.A.; LANDA, I.M.

Thermomechanical regeneration of colored rubbers. Leg. prom. 16 no.7:30-33 Jl '56. (MLRA 9:10)

(Rubber, Reclaimed)

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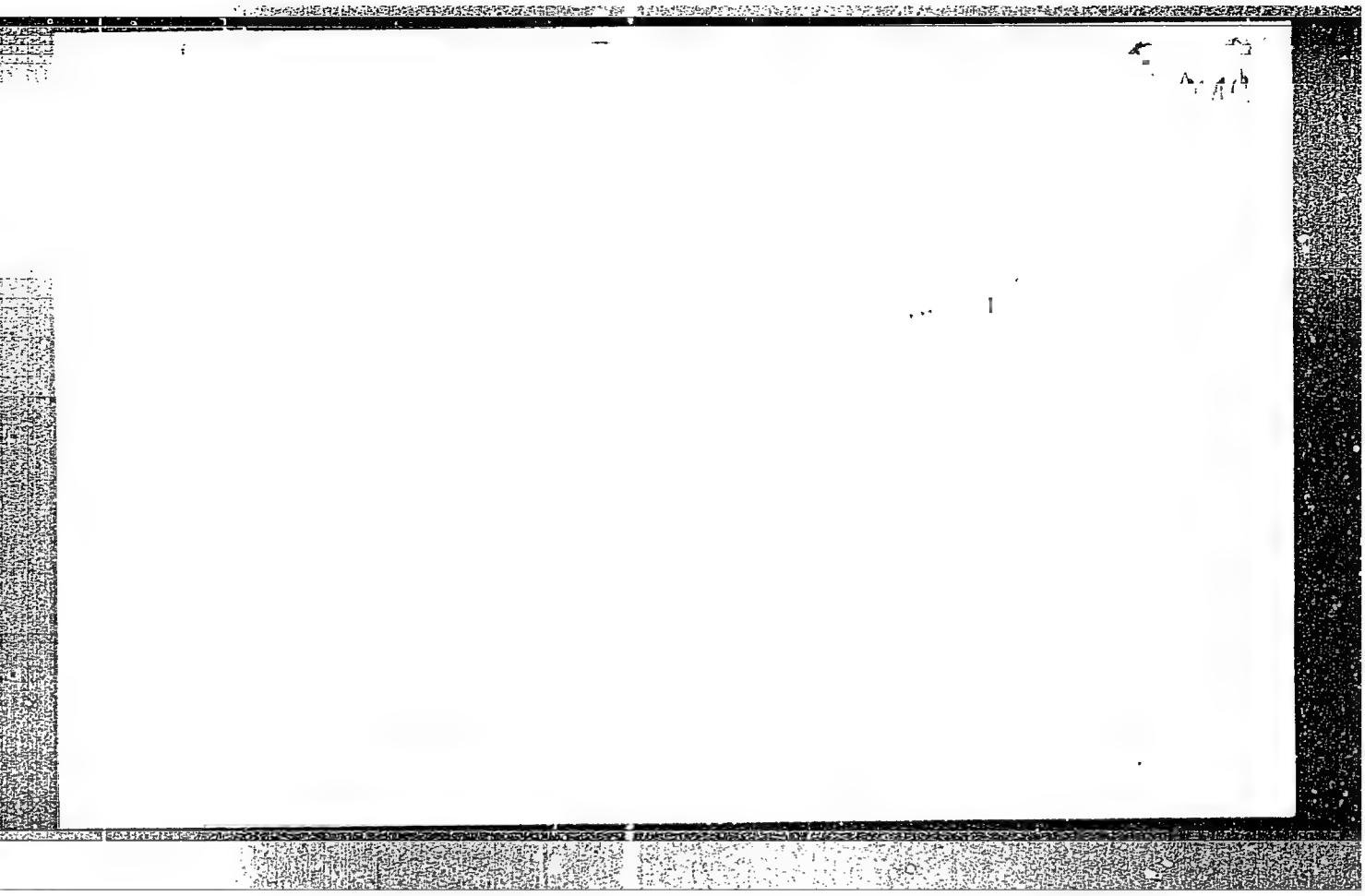

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVYY, G.V., kand.tekhn.nauk

Results of the work of the Ukrainian Scientific Research Institute of the Leather and Shoe Industry. Izv.vys.ucheb.zav.; tekh.leglprom. no.6:11-17 '58. (MIRA 12:4)

1. Direktor Ukrainskogo nauchno-issledovatel'skogo instituta kozhevenno-obuvnoy promyshlennosti.
(Ukraine--Leather research)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVYY, G.V.

Scientific research conducted by the Institute for the Development of the Leather and Shoe Industry. Kozh.-obuv. prom. no.3:8-12 Mr '59. (MIRA 12:6)

1.Direktor Ukrainskogo nauchno-issledovatel'skogo instituta kozhevennoy promyshlennosti.
(Leather research)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

KHRIPIN, A.G., inzh.; BRAGINSKIY, M.A., inzh.; PASTOVETS, O.S., inzh.; KARPUKHIN, G.G., inzh.; TERESHCHENKO, F.P., inzh.; LIVYY, G.V., kand.tekhn.nauk

Drying of chrome leather under dynamic conditions. Izv.vys. ucheb.zav.; tekh.leg.prom. no.6:67-76 '59.
(MIRA 13:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut koshevenno-obuvnoy promyshlennosti (for Khripin, Braginskiy, Pastovets, Livyy, Karpukhin). 2. Kiyevskiy koshevennyy kombinat (for Tereshchenko).
(Leather--Drying)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVYY, G.V.

Scientific research of the institute on the expansion of the shoe industry. Kozh.-obuv.prom. no.9:5-8 S '59. (MIRA 13:2)

1. Direktor Ukrainskogo nauchno-issledovatel'skogo instituta koshevenno-obuvnoy promyshlennosti.
(Ukraine--Shoe industry)

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AUTHORS: Zhurko, V.A., Livyy, G.V., Landa, I.M., Tsipenyuk, E.V.

TITLE: Investigation in the Field of Development of Formulae and Production Technology of Microporous Rubbers Based on Combined Polymers

PERIODICAL: Kauchuk i Rezina, 1960, No. 1, pp. 41 - 47

TEXT: Grafted and block polymers are used in many branches of the industry. In the production of these materials oxygen of the air must be prevented from reacting with the active centers. The combination of rubbers with synthetic resins was studied which was carried out with the aim of reducing the specific gravity and increasing the hardness and wear-resistance of the rubbers. Emulsion polystyrene of the TU 1827-51 type was used as the principal masticator. Polystyrene can be combined with rubber in a uniform way only if it is converted into the viscous-fluid state. The temperature for this conversion was determined on a special device measuring the deformation of the material to be tested. A diagram of the device is given. The temperature mentioned is 140°C for polystyrene of B type and also for SKS-30 rubber. Rubber can be combined with polystyrene by means of rollers or by rubber mixers of the "Werner Pfleiderer", or DK-14 1/2 types. The

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Investigation in the Field of Development of Formulae and Production Technology of Microporous Rubbers Based on Combined Polymers

fractional composition of polystyrene has a great effect on the condition of combination. If the residue on a 02-918 screen is 50%, the preparation of the master batch lasts 25 min, if it is only 35% the duration decreases to 15 min. The conditions for combining rubber and polystyrene depend on the dispersion of the latter and the temperature of its transition into the viscous-fluid state. Free access of oxygen during processing of the master batch reduces the resistance, the specific elongation and the hardness of the vulcanized batches. The optimum polystyrene dose for mixtures containing 50% of rubber is 20-30 weight parts per 100 weight parts of rubber. The low content of fillers (12-13% based on the mixture) in light rubbers makes their calendering difficult. Butadiene-styrene rubber is introduced, therefore, with natural rubber. The optimum ratio for this purpose is 30% SKS-30 and 20% natural rubber, if the total rubber content in the mixture is 50%. For ensuring a specific elongation of 220-240%, the plasticity of the rubbers used must be kept at 0.30-0.40 for SKS-30 and at 0.40-0.45 for natural rubber. The total amount of softeners (colophony and vaseline) is 6-8% based on the mixture. Rubbers of the "progress" type contain a large dose of pore-forming agent: the

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Investigation in the Field of Development of Formulae and Production Technology of Microporous Rubbers Based on Combined Polymers

porophore ChKhZ-5 (up to 5% based on the mixture). The porophore can cause scorching of the rubber. A uniform and fine porosity increases the service time of the rubber products. Good results were also obtained with SKS-40D rubber and SBS-85 resin. There are 4 tables, 10 graphs, 1 diagram and 15 references: 13 Soviet, 1 English and 1 French.

ASSOCIATION: Kiyevskiy regeneratno-rezinovyy zavod (Kiyev Reclaimed Rubber Plant)

Card 3/3

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

KHRIPIN, A.G., inzh.; BRAGINSKIY, M.A., inzh.; FASTOVETS, O.S., inzh.; KARPUKHIN, G.G., inzh.; TERESHCHENKO, F.P., inzh.; LIVYY, G.V., kand. tekhn.nauk.

Drying of chrome leather in the dynamic state. Report No.2. Izv. vys.ucheb.zav.; tekh.leg.prom. no.2:62-70 '60. (MIRA 13:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy promyshlennosti (for Khripin, Braginskiy, Fastovets & Karpukhin). 2. Kiyevskiy kozhevennyy kombinat (for Tereshchenko). 3. Ukrainskiy nauchno-issledovatel'skiy institut kozhevennoy promyshlennosti (for Livyy).

(Leather--Drying)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LANDA, I.M., inzh.; TSIPENYUK, B.V.,inzh.; LIVYY, G.V., kand.tekhn.nauk; BRONSHTEYN, F.V., inzh.

Studying the use of polystyrene of various makes in sole rubber manufacture. Izv.vys.ucheb.zav.; tekh.leg.prom. no.6:33-41 '60. (MIRA 14:1)

1. Kiyevskiy regeneratno-rezinovyy zavod (for Landa & TSipenyuk). 2. Ukrainskiy nauchno-issledovatel'skiy institut koshevenno-obuvnoy promyshlennosti (for Livyy & Bronshteyn). Rekomendovana kafedroy tekhnologii iskusstvennoy koshi Moskovskogo tekhnologicheskogo instituta legkoy promyshlennosti.

(Rubber, Synthetic) (Styrene)

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LIVYY, G.V., kand.tekhn.nauk; MERZON, A.G., inzh.

It is necessary to increase the use of pigskin in shoe manufacture. Kozh.-obuv. prom. 2 no. 11:12-13 N '60.
(MIRA 13:12)

(Ukraine--Shoe manufacture) (Leather)

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ZHUHKO, V.A.; LIVYY, G.V.; LANDA, I.M.; TSIPENYUK, E.V.

Studying the formulation, compounding, and production technology of microporous rubbers based on compatible polymers. Kauch.i rez. 19 no.1:41-47 Ja '60. (MIRA 13:5)

1. Kiyevskiy regeneratno-rezinovyy zavod.
(Rubber) (Polymers)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVYY, G.V., kand.tekhn.nauk; KUTOVSKIY, M.Ya., inzh.; BELOSHTAN, A.P., PETROV, I.S.

"Technology of leather and fur" by N.V. Chernov and others. Reviewed by G.V. Livyi and others. Kozh.-obuv.prom. 3 no.6:36-38 Je '61. (MIRA 14:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy promyshlennosti (for Livyy). 2. Kozhevennyy zavod imeni Kominterna (for Kutovskiy). 3. Belorusskiy nauchno-issledovatel'skiy institut tekstil'noy i legkoy promyshlennosti (for Beloshtan). 4. Kalininskiy kozhevennyy zavod "Krasnyy Oktyabr'" (for Petrov).
(Leather) (Fur) (Chernov, N.V.) (Aronina, I.N.)
(Gaidarov, L.P.) (Golovteeva, A.A.) (Strakhov, I.P.)
(Shestakova, I.S.)

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S/081/63/000/004/050/051
B156/B180

AUTHORS: Livyy, G. V., Landa, I., M., Tsipenyuk, E. V., Bronshteyn, P.V.

TITLE: Research in the development of formulas and production technologies for microporous resins based on copolymers

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 4, 1963, 650, abstract 4T365 (Nauchno-issled. tr. Ukr. n.-i. in-t kozh.-obuvn. prom-sti, sb. 12, 1960, 201 - 219)

TEXT: Temperature versus mechanical properties curves were plotted for СКС-30 (SKS-30) and polystyrene (I) to find the temperatures at which both components enter the viscous-fluid state required for their combination (140-160°C). In practice the operation is performed on heated rollers (30 min), but it is better to use a rubber mixer with increased friction (1:1.4) with gradual introduction of I to the rubber, at a ratio of 1:1-12. With smaller amounts of I the mechanical action is less vigorous as particles of I become coated with rubber. If temperature and time are increased cross-linking results, and T_f for the mother mixture to be produced is raised. Concentrated mother mixtures must be diluted with fresh SKS-30 to

Card 1/2

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give the required plasticity. The conditions of combination depend on the molecular weight of the I, which falls as its dispersion rises due to degradation during reduction. The optimum I addition, for porous resins to be used at low temperatures is 20 - 30 parts by weight to 100 parts by weight SKS-30, with the mixture containing 50 % rubber. Calendering, which is hampered by the small amount of fillers (12 - 13 %) is improved by partially replacing the SKS-30 by NK (30 % SKS-30, 20 % NK). For elongation of 220 - 240 % the plasticity of the SKS-30 must be 0.50 - 0.40 and that of the NK 0.45 - 0.40, when the mixture contains 6 - 8 % of plasticizers. If a paste consisting of Ух3-5 (ChKhZ-5) and a slumy of Na bicarbonate with melted vaseline and oleic acid is used, there is less scorching of the mixture, and vulcanizing for 12 - 14 min at 165°C gives fine uniform porosity. In addition to I, good results were obtained from mixtures with СБС-85 (SBS-85) resin and SKS-40D rubber; SKS-50 gave poor results. A continuous production process for porous resins with spec.g's. of 0.3 - 0.4 has been developed on the basis of this research. [Abstracter's note: Complete translation.]

Card 2/2

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LIVYY, G.V., kand.tekhn.nauk

Prospects of progress in the development of advanced equipment and technology in the leather and shoe industry of the Ukrainian S.S.R. Kozh-obuv.prom. 3 no.10:23-25 O '61. (MIRA 14:10)
(Ukraine--Leather industry)
(Ukraine--Shoe industry)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

S/081/62/000/021/060/069
B160/B186

AUTHORS: Krasnokutskaya, M. Ye., Bronshteyn, F. V., Livyy, G. V.

TITLE: Study of the properties of compositions of СКС-30 (SKS-30) rubber with high-pressure polyethylene

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1962, 493 · abstract 21P380 (Izv. vyssh. uchebn. zavedeniy. Tekhnol. legk. prom-sti, no. 1, 1962, 29-33)

TEXT: Rubber and polyethylene compositions (RPC) made with fresh thermoplasticized SKS-30 are fully extracted and separated quantitatively into components. RPC made with seasoned rubber do not allow total extraction of the components. The possibility of separating RPC depends on the degree to which the rubber is structured, i. e. on the amount of gel skeleton. [Abstracter's note: Complete translation.]

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LIVYY, G.V.; GAL'PEROVICH, M.G.; VASILYUK, N.Z.; SOPRIKO, A.Ye.; KAZARINA, N.I.; CHURINA, V.I.; GIL'MAN, B.A.; YEGOROV, K.A.; GOICHAR, Ye.G.

Method of refining the skin side of fur articles made with low grade peltry; Soviet Certificate of Inventions No.147290. Kozh.-obuv.prom.. 4 no.8:43 Ag '62. (MIRA 15:8)
(Fur industry—Technological innovations)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVYY, G.V.; KAZARINA, N.N.; GIL'MAN, B.A.; RUDENKO, S.D.; DREVINA, N.G.; [redacted], N.S.; ALPATSKAYA, V.P.; KOZLOVSKIY, S.I.; SLYUNIN, B.S.

Development and application of reinforced film coating of sheepskins for coats. Kozh.-obuv.prom. 4 no.3:25-28 Mr '62. (MIRA 15:5)
(Fur--Dressing and dyeing)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

KOSTENKO, D.G., inzh.; LIVYY, G.V., kand.tekhn.nauk; PONOMAREV, S.G., kand. tekhn.nauk; RABINOVICH, F.I., inzh.; MALKIMAN, Ye.I., inzh.

Effect of the various methods for tanning stiff leather on its wear resistance. Report No.3. Nauch.-issl.trudy Ukr NIIKP no.13:3-12. '62. (MIRA 18:2)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVYY, G.V., kand.tekhn.nauk; KAZARINA, N.N., inzh.; BRAGINSKIY, M.A., inzh.
SUKHOREBRYY, V.A., inzh.

Continuous diffusion of tanning materials in a rotating diffuser unit. Nauch.-issl.trudy Ukr NIIKP no.13:68-76 '62.
(MIRA 18:2)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVYI, G.V., kand.tekhn.nauk

Technological progress in the leather and footwear industry.
Kozh.-obuv.prom. 5 no.1:4-7 Ja '63. (MIRA 16:2)
(Leather industry) (Shoe industry)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVIY, G.V. [Livyi, H.V.], kand. tekhn. nauk; PONOMAREV, S.G. [Ponomar'ov, S.H.], kand. tekhn. nauk; VOINOV, I.P.; METS, N.M.; EHAGINSKIY, M.A. [Brahins'kyi, M.A.]; FLORENSKIY, V.P. [Florens'kyi, V.P.]

Device for determining the wear resistance of materials for shoe soles. Leh. prom. no.4:48-51 O-D '64 (MIRA 18:1)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVYY, G.V., kand. tekhn. nauk; KAZARINA, N.N., inzh.; GIL'MAN, B.A., inzh.; FASTOVETS, O.S., inzh.; MOROZYUK, N.I., inzh.; LITVINOV, Sh.I., inzh.; SAGAYDACHNYY, V.G., inzh.; BALAYEV, Ya.V., inzh.; FITSA, A.S., inzh.

Manufacture of leather for lining and accessories from the face split of DOL type pigskins. Kozh.-obuv. prom. 7 no.6: 29-32 Je '65. (MIRA 18:8)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVYY, G.V., kand.tekhn.nauk; KHRIPIN, A.[illegible], inzh.; BRAGINSKIY, M.A., inzh.; KARPUKHIN, G.G., inzh.; FASTOVETS, G.[illegible], inzh.; ABRAMSKAYA, L.B., inzh.; BEREZOVSKAYA, M.G., inzh.; [illegible], P.P., inzh.; Prinimali uchastiye: OLEYNIK, N.N.; ZHURBA, T.T.; GORANOVSKAYA, M.A.; SHAVZIN, A.I.; GERTSVOL'F, B.S.

Unit for dynamic drying of [illegible] leather. Report No.1. Nauch.-issl.trudy Ukr NIIKP no.13:89-[illegible] '62. (MIRA 18:2)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIVYY, G.V., kand. tekhn. nauk; FISH, B.I.; GOREUN, Yu.F.; [illegible], L.N.; GIL'MAN, B.A.

Utilization of sheep pelts unsuitable for the production of fur in the manufacture of chrome leather for shoe uppers and lining. Kozh.-obuv. prom. 7 no.12:12-14 D '65.

(MIRA 19:2)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIWINSKI, Wojciech

Computation of heating inductors. Elektryka Lodz 13:51-62 '64.

1. Department of Electric Heating, Technical University, Lodz.

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LIWONSKI, J.

"Standardization in the Synthetic Fiber Industry." P. 292. (PRZEMYSL CHEMICZNY, Vol. 10, No. 6, June, 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIWOWSKI, J

POLAND/Chemical Technology - Chemical Products and Their Application. Artificial and Synthetic Fibers. K-4

Abs Jour : Ref Zhur - Khimiya, No 2, 1958, 6558

Author : Liwowski
Inst : -
Title : Artificial Fibers as Domestic Raw Materials for the Polish Industry.

Orig Pub : Przem. chem., 1956, 12, No 9, 502-505

Abstract : It is pointed out that the planned fiber comsumption in Poland is to raised to 10 kg per capita per annum by 1969 (instead of 1.6 kg in 1951), including 3 kg synthetic fibers (the proportion of the synthetic fibers is planned to remain small until 1960).

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LIMSKI, W.

The purposefulness of the Zeran water investments. p.227.

(GOSPODARKA WODNA. Vol. 17, No. 5, May 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 10, October 1957. Uncl.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIWSKI, M.

TECHNOLOGY

PERIODICAL: GOSPODARKA WODNA. Vol. 18, no. 9, Sept. 1958

LIWSKI, M. Hydromechanization in constructing a dam having defined dimensions and shape at the port of Zeran. p. 413.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 4, April 1959, Unclass

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIWSKI, Olgierd

Limits of decentralization. Przegl drob wytworcz 12 no. 5:8-9. March 62.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0"

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LIWSKI, Ryszard

On the value of the determination of proteoses in clinical internal diseases. Polskie arch. med. wewn. 32 no.5:455-460 '62.

1. Z I Kliniki Chorob Wewnetrznych AM w Warszawie Kierownik: prof. dr med. A. Biernacki i z Oddzialu Wewnetrznego Szpitala Okregowego w Warszawie.

(KIDNEY DISEASES urine) (PROTEINS urine)
(ARTHRITIS RHEUMATOID urine) (LUPUS ERYTHEMATOSUS urine)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930310014-0

LIWSKI, Ryszard

Negram in the treatment of severe cases of chronic pyelonephritis. Pol. arch. med. wewnet. 35 no.2:203-208 '65

1. Z Kliniki Chorob Wewnetrznych Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. T. Orlowski).

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